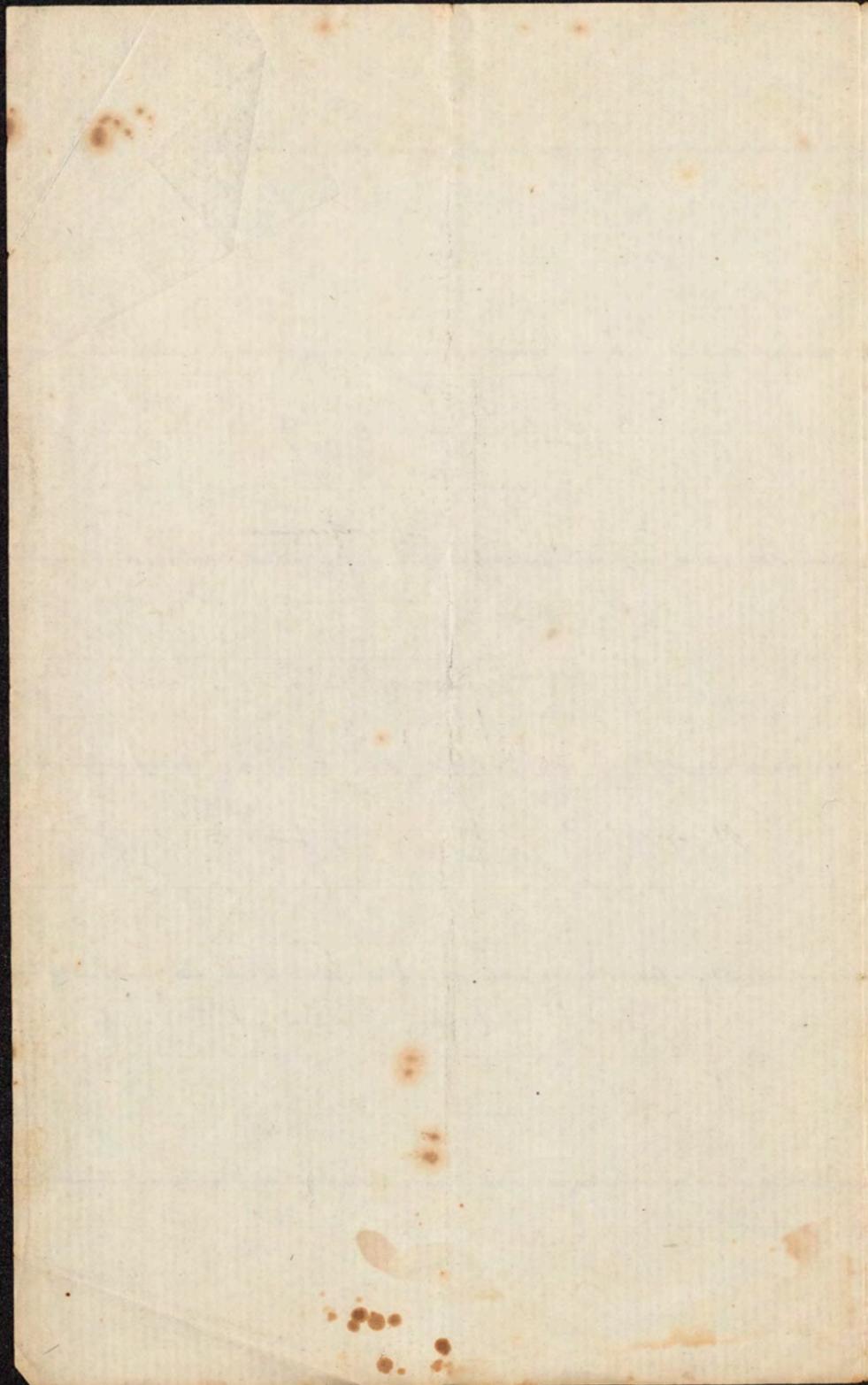


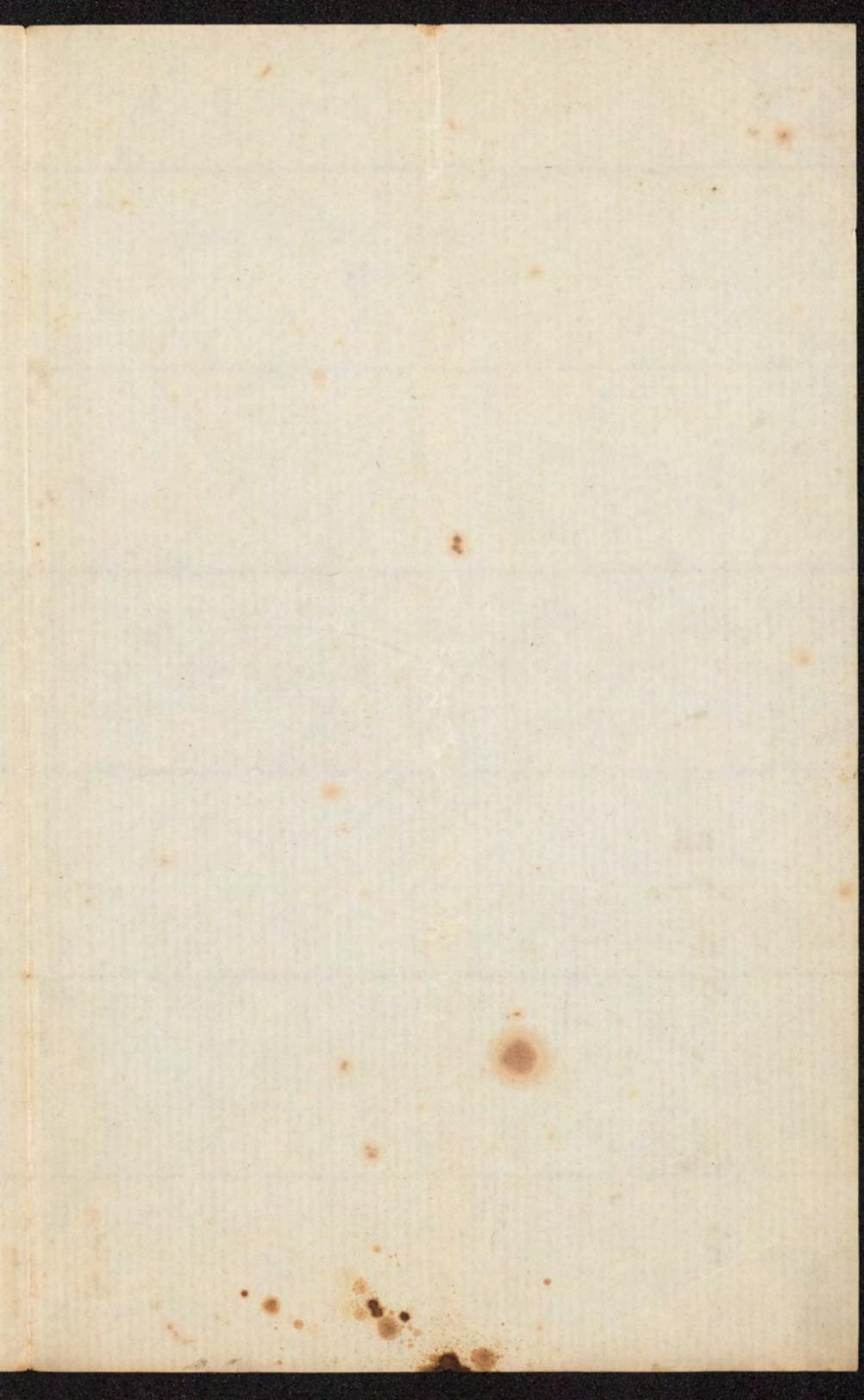
1858

Biological,
Questions

1858

For Biol. Department
of Acad. Nat. Sciences





Bullock

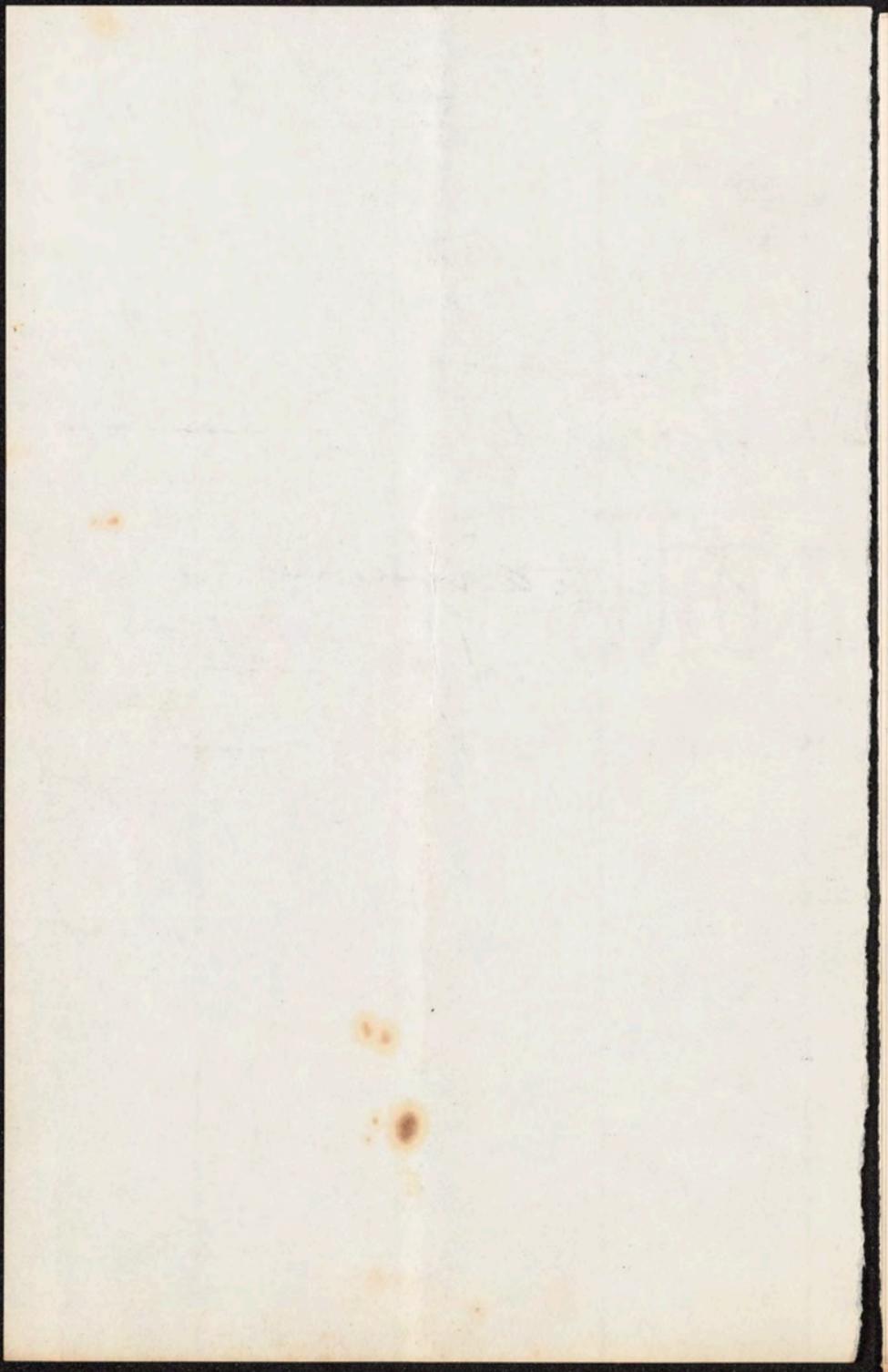
1858

Questions, in Anatomy & Histology.

1 Is there, in comparative anatomy, any fixed relation between the size of the thyroid gland, and the development of the vocal apparatus?

Is the internal coat of the blood-vessels a serous, or a mucous tissue; or neither?

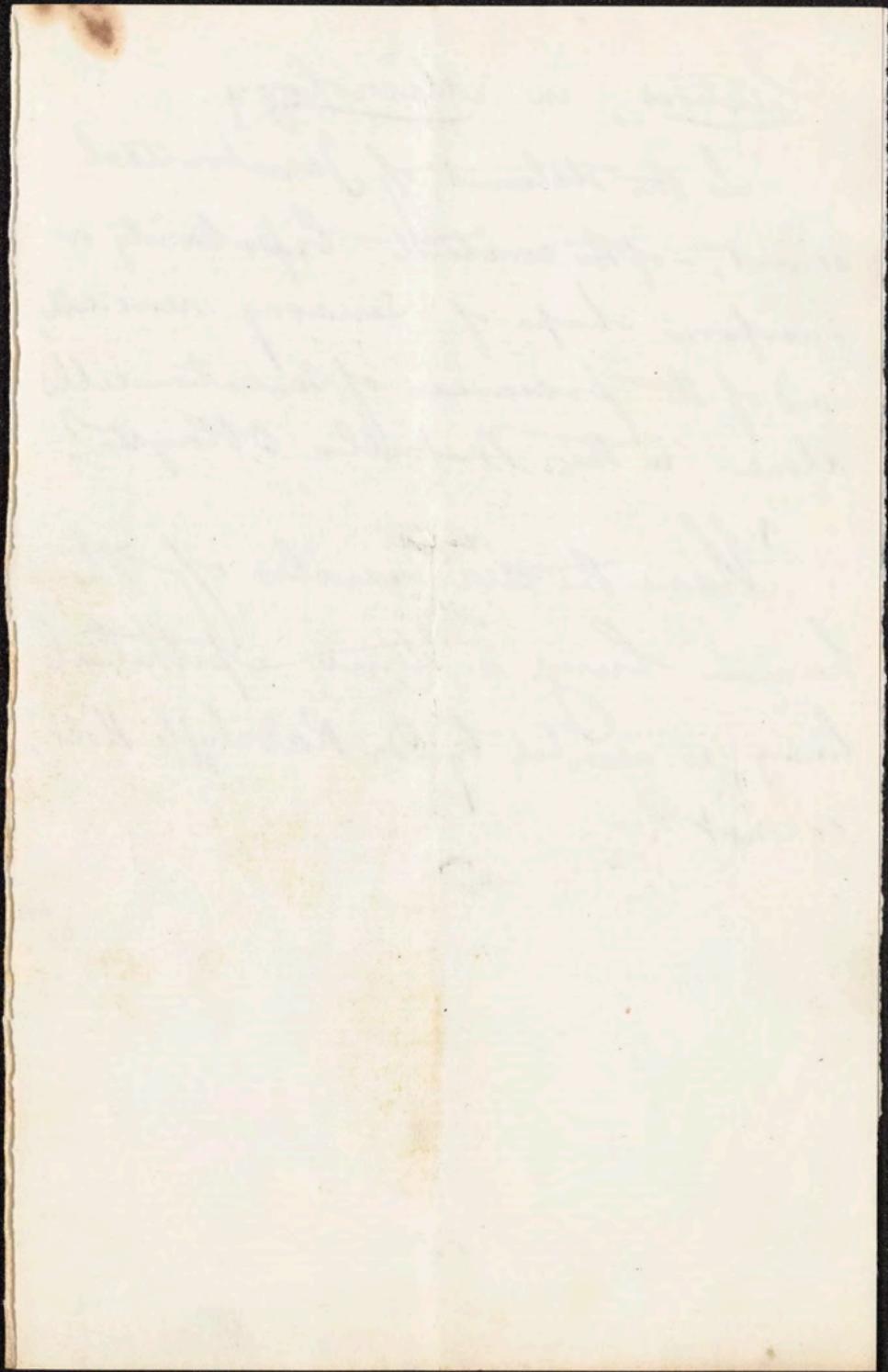
~~What would be the best schedule for a new and simple Anatomical, nomeric catalogue?~~



Questions, in Micrology.

Is the statement of Jacobowitsch
correct, - of the constant bipolarity or
fusiform shape of sensory nerve-cells,
- and of the presence of sensation-cells
alone in the Médulla oblongata?

¹ Have the air-vesicles of the
human lung a true epithelial
lining, as asserted by Dr Radcliffe Hall,
or not?



Q Hygiene, (1) & in (2)
Questions, on & Chol., Pathol., Path. Anatomy.

(1) In what relation does the ozone metric state of the atmosphere stand to the fluctuating general mortality of large ~~communities~~ ^{communities}?

(2) Are the morbid appearances of fatal meningitis in children most similar to those of membranous croup, or to those of Pulmonary tuberculosis?

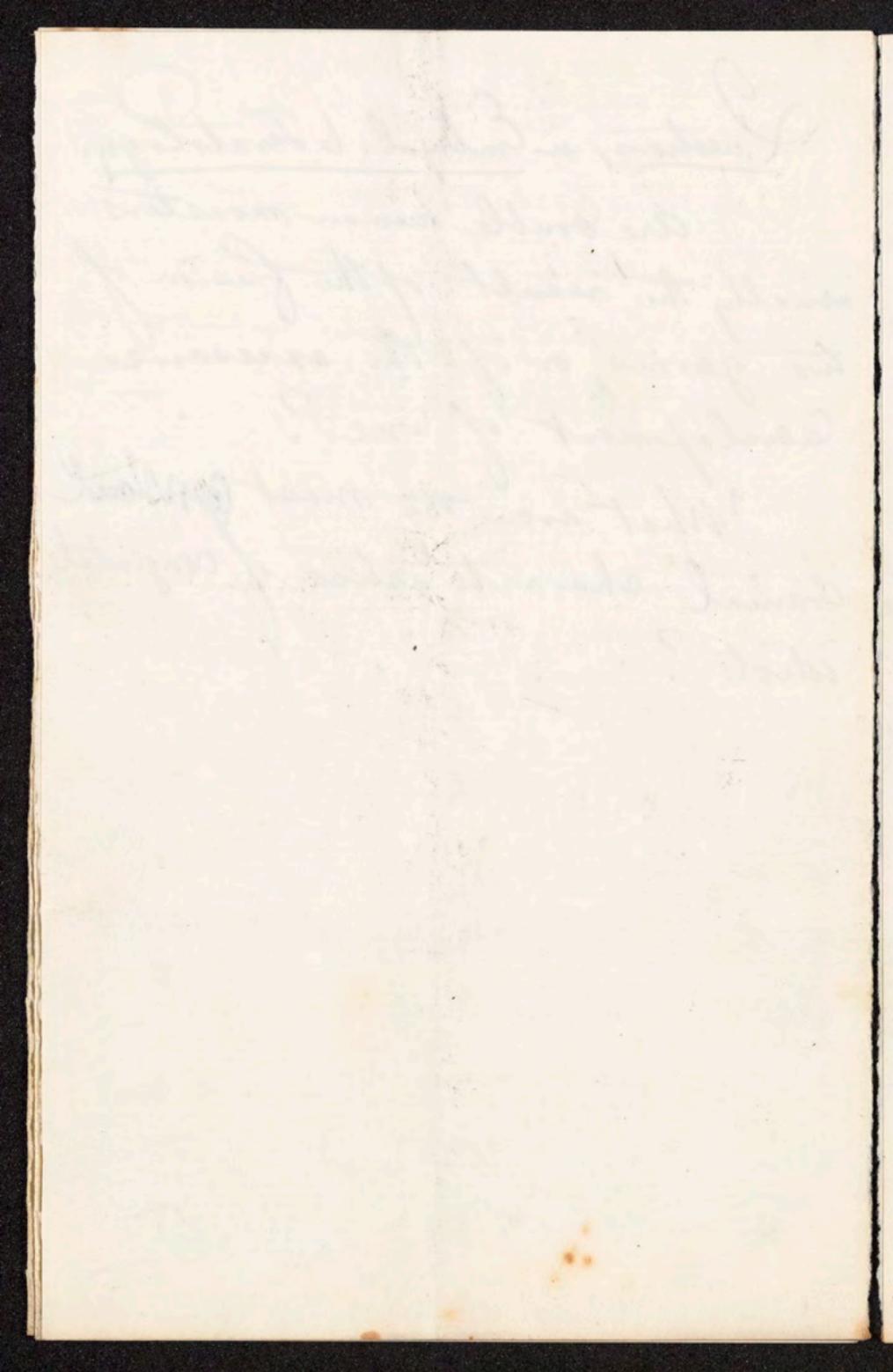
(2) What is the true value of the microscopical appearances of the sputa in the diagnosis between Phthisis & Chronic Bronchitis?

(2) Is the temperature of the body, at the axilla & under the tongue, really depressed during the chill of ordinary intermittent?

Questions in Embryol. & Teratology.

Are double human monsters usually the result of the fusion of two germs, or of the excessive development of one?

1 What are the most constant cranial characteristics of congenital idiots?



Questions in Physiology.

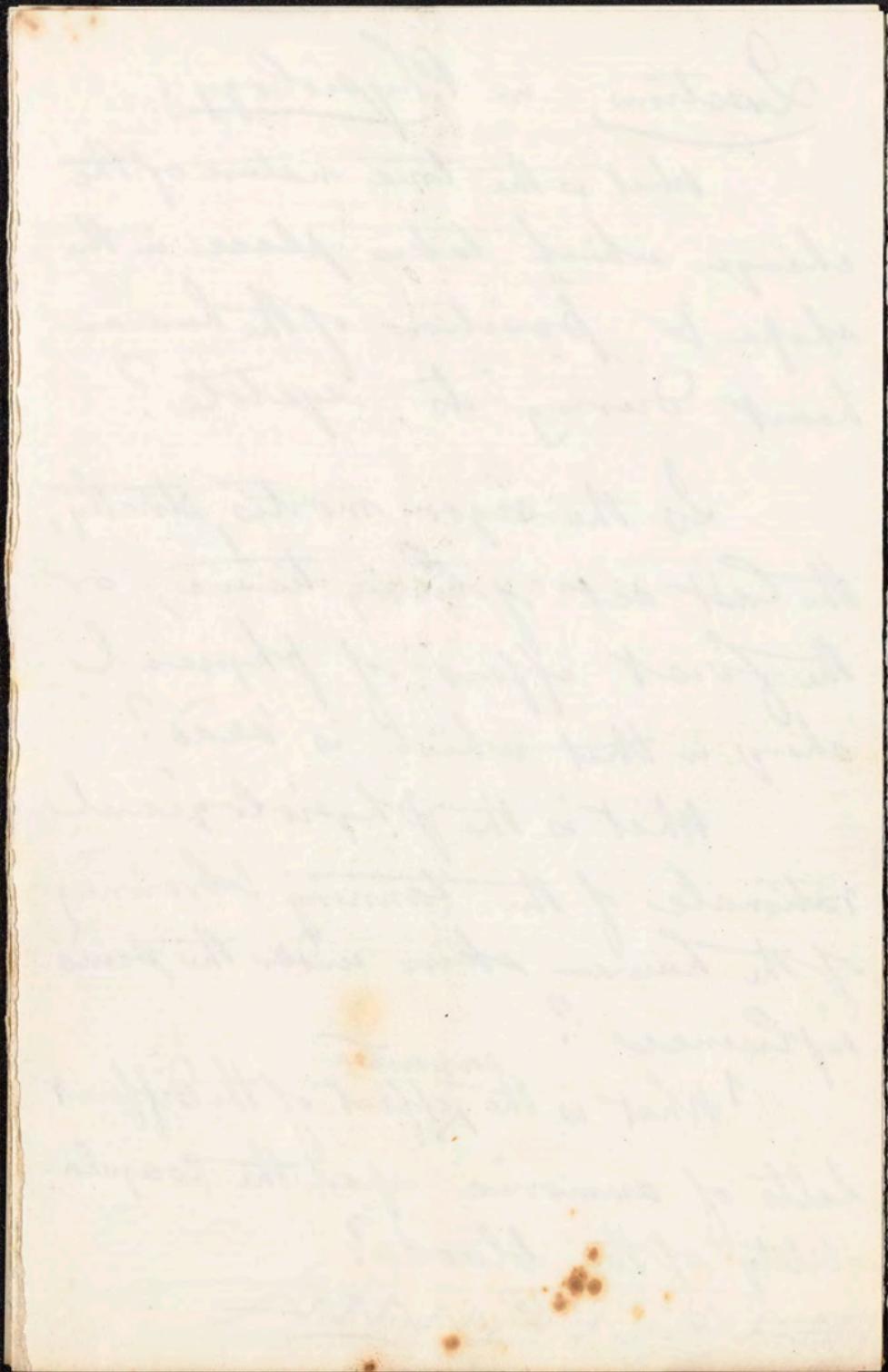
What is the true nature of the change which takes place in the shape & position of the human heart during its systole?

Is the rigor mortis, strictly, the last act of living tissue, or the first effect of physical change in that which is dead?

What is the physiological rationale of the tanning & browning of the human skin under the Sun's influence?

What is the ^{comparative} effect of the different salts of ammonia upon the coagulability of the blood?

Waves of Rivers



Questions, in Organic Chemistry.

What is the practical value
of Farrods Elucometer?

Do Quinia, Cinchonia,
Strychnia & Morphia, taken inter-
nally, cause a retardation of
the Metamorphosis of tissue?

1 What are the most constant
variations in the excreta, during
Inflammation and Fever?

